

expected to be defective, (B) accomplish the required repair or replacement of defective items, and (C) test, inspect, package, pack, and mark repaired or replaced items.

(v) If repair or replacement of defective items is required, the contractor shall generally be required by the warranty to bear the expense of transportation for returning the defective item from the place of delivery specified in the contract (irrespective of the f.o.b. point or the point of acceptance) to the contractor's plant and subsequent return. When defective items are returned to the contractor from other than the place of delivery specified in the contract, or when the Government exercises alternate remedies, the contractor's liability for transportation charges incurred shall not exceed an amount equal to the cost of transportation by the usual commercial method of shipment between the place of delivery specified in the contract and the contractor's plant and subsequent return.

(3) *Duration of the warranty.* The time period or duration of the warranty must be clearly specified and shall be established after consideration of such factors as (i) the estimated useful life of the item, (ii) the nature of the item including storage or shelf-life, and (iii) trade practice. The period specified shall not extend the contractor's liability for patent defects beyond a reasonable time after acceptance by the Government.

(4) *Notice.* The warranty shall specify a reasonable time for furnishing notice to the contractor regarding the discovery of defects. This notice period, which shall apply to all defects discovered during the warranty period, shall be long enough to assure that the Government has adequate time to give notice to the contractor. The contracting officer shall consider the following factors when establishing the notice period:

(i) The time necessary for the Government to discover the defects.

(ii) The time reasonably required for the Government to take necessary administrative steps and make a timely report of discovery of the defects to the contractor.

(iii) The time required to discover and report defective replacements.

(5) *Markings.* The packaging and preservation requirements of the contract shall require the contractor to stamp or mark the supplies delivered or otherwise furnish notice with the supplies of the existence of the warranty. The purpose of the markings or notice is to inform Government personnel who store, stock, or use the supplies that the supplies are under warranty. Markings may be brief but should include (i) a brief statement that a warranty exists, (ii) the substance of the warranty, (iii) its duration, and (iv) who to notify if the supplies are found to be defective. For commercial items (see 46.709), the contractor's trade practice in warranty marking is acceptable if sufficient information is presented for supply personnel and users to identify warranted supplies.

(6) *Consistency.* Contracting officers shall ensure that the warranty clause and any other warranty conditions in the contract (e.g., in the specifications or an inspection clause) are consistent. To the extent practicable, all of the warranties to be contained in the contract should be expressed in the warranty clause.

#### **46.707 Pricing aspects of fixed-price incentive contract warranties.**

If a fixed-price incentive contract contains a warranty (see 46.708), the estimated cost of the warranty to the contractor should be considered in establishing the incentive target price and the ceiling price of the contract. All costs incurred, or estimated to be incurred, by the contractor in complying with the warranty shall be considered when establishing the total final price. Contractor compliance with the warranty after the establishment of the total final price shall be at no additional cost to the Government.

#### **46.708 Warranties of data.**

Warranties of data shall be developed and used in accordance with agency regulations.

#### **46.709 Warranties of commercial items.**

The contracting officer should take advantage of commercial warranties,